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needles of about 18 to 26 gauge and wherein said microspheres swell to a predetermined size after injection within the non-dermal tissue of said mammal.

21. A method of tissue bulking in a mammal comprising injecting a composition comprising biocompatible, swellable, hydrophilic, non-toxic and substantially spherical microspheres in a biocompatible carrier into the non-dermal tissue of said mammal through a needle of about 18 to 26 gauge.

(A)

- 47. A kit for performing tissue bulking comprising:
 - (a) an 18 to 26 gauge needle;
 - (b) means for injecting a liquid based composition through said needle; and
- (c) biocompatible, swellable, crosslinked, hydrophilic, non-toxic and substantially spherical microspheres injectable into the non-dermal tissue of a mammal through said needle and are not capable of being digested or eliminated by macrophage or other elements of said mammal's immune system after injection thereof.